



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H111024

**Mode:** Highway

**Status:** Submitted

### US-221 BUS

**From/Cross Street:** US 221/NC 226

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** Georgia Ave

**Project Category:** Regional Impact

**Length:** 1.48

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$9,218,000

#### Description:

Widen Roadway to Three Lane with Curb and Gutter and Extend Sidewalk

**Division(s):** Division 13

**County(s):** MCDOWELL

**MPOS(s)/RPO(s):** Isothermal RPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 33.14**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 43.08 Safety (10%) 59.42 [Travel Time] Benefit/Cost (25%) 0.00 Accessibility / Connectivity (10%) 14.26 <b>Totals: Weight: 70% Weighted Score: 18.14</b>	Percent: 15% Points: 0	Percent: 15% Points: 100

**Division Needs Total Score: 64.56**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 43.08 Safety (10%) 59.42 [Travel Time] Benefit/Cost (20%) 0.00 <b>Totals: Weight: 50% Weighted Score: 14.56</b>	Percent: 25% Points: 100	Percent: 25% Points: 100

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.48
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	10263.68
Capacity:	15800
Volume/Capacity Ratio:	0.65
% Autos:	97%
% Trucks:	3%
Truck Volume:	340.11
Crash Density:	66.56
Crash Severity:	44.83
Critical Crash Rate:	66.89
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	85
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	3B - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
Speed Limit:	35
Length (miles):	1.48
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 13	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>100</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Isothermal RPO	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$7,638,000	TIP Unit
Right-of-Way Cost:	\$1,411,000	Cost Estimation Tool
Utilities Cost:	\$169,000	Cost Estimation Tool
Total Project Cost:	\$9,218,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$9,218,000</b>	